

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings of claims in the application:

**Listing of Claims:**

1                   1. (Currently amended): A method of communicating information received  
2 during a multimedia presentation, comprising:

3                   providing an adapter comprising a transceiver;  
4                   receiving, at the adapter, at least one of video information or audio information  
5 from a first system, the at least one of video information or audio information generated from a  
6 presentation file;

7                   receiving, at the adapter, at least one of audio or video information from a capture  
8 device, the information captured by the capture device during the multimedia presentation;

9                   differencing between a first video frame and a second video frame, at the adapter,  
10 of the video information received from the first system or the capture device;

11                   selecting based on the differencing, at the adapter, a set of one or more keyframes  
12 from the video information received from the first system or the capture device in response to a  
13 user-configurable threshold; and

14                   communicating, from the adapter using the transceiver, one or more keyframes  
15 from the set of keyframes.

1                   2. (Previously presented): The method of claim 1:

2                   further comprising synchronizing the audio information received at the adapter  
3 with the selected set of keyframes.

1                   3. (Previously presented): The method of claim 1 further comprising:  
2                   storing the set of keyframes in a memory coupled to the adapter.

1                   4. (Previously presented): The method of claim 3 further comprising:

2                   receiving, at the adapter, a request from a device requesting transmission of a first  
3 portion of the set of keyframes;

4                   in response to the request, determining the first portion of the set of keyframes  
5 requested by the device and corresponding audio information; and

6                   transmitting the first portion of the set of keyframes and corresponding audio  
7 information to the device.

1                   5. (Previously presented): The method of claim 4 wherein the request  
2 received from the device requests transmission of information received by the adapter from the  
3 first system.

1                   6. (Previously presented): The method of claim 4 wherein the request  
2 received from the device requests transmission of information received by the adapter from the  
3 capture device.

1                   7. (Previously presented): The method of claim 4 wherein the request  
2 received from the device requests transmission of audio information received by the adapter.

1                   8. (Previously presented): The method of claim 4 wherein the request  
2 received from the device requests transmission of video information received by the adapter.

1                   9. (Previously presented): The method of claim 4 wherein the request  
2 received from the device requests transmission of audio or video information received by the  
3 adapter from the first system and the capture device between a start time and an end time.

1                   10. (Currently amended): The method of claim 1 further comprising:  
2                   processing, at the adapter, the information received from the first system and the  
3 information received from the capture device to generate a first representation;  
4                   wherein communicating the information from the adapter further comprises  
5 transmitting at least a portion of the first representation from the adapter;

6                   wherein processing the information received from the first system and the  
7 information received from the capture device to generate the first representation comprises:  
8                   selecting a plurality of video frames from video information received by the  
9 adapter;  
10                  synchronizing the plurality of video frames with audio information received by  
11 the adapter; and  
12                  storing information related to the plurality of video frames.

1                 11. (Previously presented): The method of claim 10:  
2                   wherein processing the information received from the first system and the  
3 information received from the capture device to generate the first representation further  
4 comprises:  
5                   generating a web page for each video frame in the plurality of video frames, each  
6 web page including a video frame;  
7                   assigning a uniform resource locator (URL) to each web page; and  
8                   wherein transmitting at least a portion of the first representation comprises  
9 transmitting at least one URL assigned to a web page.

1                 12. (Previously presented): The method of claim 11 wherein transmitting at  
2 least a portion of the first representation comprises:  
3                   receiving, at the adapter, a request from a device identifying a first URL;  
4                   in response to the request, determining a first web page corresponding to the first  
5 URL; and  
6                   transmitting the first web page to the device.

1                 13. (Currently amended): The method of claim 1 wherein selecting the set of  
2 one or more keyframes in response to the user-configurable threshold comprises selecting frames  
3 of video at a predetermined sampling interval.

1           14. (Currently amended): A computer program product stored on a computer  
2 readable medium and executed by an adapter for communicating information received during a  
3 multimedia presentation, comprising:

4                 code for receiving information from a first system, the information comprising at  
5 least one of video information or audio information generated from a presentation file;

6                 code for receiving at least one of audio or video information from a capture  
7 device, the at least one of audio or video information captured by the capture device during the  
8 multimedia presentation;

9                 code for differencing between a first video frame and a second video frame of the  
10 video information received from the first system or the capture device;

11                 code for selecting based on the differencing, at the adapter, a set of one or more  
12 keyframes from the video information received from the first system or the capture device in  
13 response to a user-configurable threshold; and

14                 code for communicating one or more keyframes from the set of keyframes.

1           15. (Previously presented): The computer program product of claim 14:  
2                 further comprising code for synchronizing the audio information received at the  
3 adapter with the selected set of keyframes.

1           16. (Previously presented): The computer program product of claim 14  
2 further comprising:

3                 code for storing the set of keyframes in a memory coupled to the adapter.

1           17. (Previously presented): The computer program product of claim 16  
2 further comprising:  
3                 code for receiving at the adapter a request from a device requesting transmission  
4 of a first portion of the set of keyframes;  
5                 in response to the request, code for determining the first portion of the set of  
6 keyframes requested by the device and corresponding audio information; and

7                   code for transmitting the first portion of the set of keyframes and corresponding  
8                   audio information to the device.

1                   18. (Previously presented): The computer program product of claim 17  
2                   wherein the request received from the device requests transmission of information received from  
3                   the first system.

1                   19. (Previously presented): The computer program product of claim 17  
2                   wherein the request received from the device requests transmission of information received from  
3                   the capture device.

1                   20. (Previously presented): The computer program product of claim 17  
2                   wherein the request received from the device requests transmission of audio information received  
3                   from the first system and the capture device.

1                   21. (Previously presented): The computer program product of claim 17  
2                   wherein the request received from the device requests transmission of video information received  
3                   from the first system and the capture device.

1                   22. (Previously presented): The computer program product of claim 17  
2                   wherein the request received from the device requests transmission of audio or video information  
3                   received from the first system and the capture device between a start time and an end time.

1                   23. (Previously presented): The computer program product of claim 14  
2                   further comprising code for processing the information received from the first system and the  
3                   information received from the capture device to generate a first representation;

4                   wherein the code for communicating further comprises code for transmitting at  
5                   least a portion of the first representation;

6                   wherein the code for processing the information received from the first system  
7                   and the information received from the capture device to generate the first representation  
8                   comprises:

9                   code for selecting a plurality of video frames from video information received  
10                  from the first system and from the capture device;  
11                   code for synchronizing the plurality of video frames with audio information  
12                  received from the first system and with audio information received from the capture device; and  
13                   code for storing information related to the plurality of video frames.

1                   24. (Previously presented): The computer program product of claim 23  
2                  wherein the code for processing the information received from the first system  
3                  and the information received from the capture device to generate the first representation further  
4                  comprises:

5                   code for generating a web page for each video frame in the plurality of video  
6                  frames, each web page including a video frame;  
7                   code for assigning a uniform resource locator (URL) to each web page; and  
8                  wherein the code for transmitting at least a portion of the first representation  
9                  comprises code for transmitting at least one URL assigned to a web page.

1                   25. (Previously presented): The computer program product of claim 24  
2                  wherein the code for transmitting at least a portion of the first representation comprises:  
3                   code for receiving a request from a device identifying a first URL;  
4                  in response to the request, code for determining a first web page corresponding to  
5                  the first URL; and  
6                   code for transmitting the first web page to the device.

1                   26. (Previously presented): The computer program product of claim 23  
2                  wherein the code for transmitting at least a portion of the first representation comprises:  
3                   code for receiving a request from a device requesting transmission of a set of  
4                  video frames from the plurality of video frames; and  
5                  in response to the request, code for transmitting the set of video frames to the  
6                  device.

1           27. (Currently amended): A system for communicating information received  
2 during a multimedia presentation, the system comprising:  
3           an input module; and  
4           a communication module;  
5           wherein the input module is configured to:  
6           receive at least one of audio or video information from a first system, the  
7           at least one of video information or audio information generated from a presentation file;  
8           receive information from a capture device, the information received from  
9           the capture device comprising at least one of audio or video information captured by the  
10           capture device during the multimedia presentation;  
11           perform differencing between a first video frame from a second video  
12           frame of the video information received from the first system or the capture device;  
13           select based on the differencing[[],] at the adapter, a set of one or more  
14           keyframes from the video information received from the first system or the capture  
15           device in response to a user-configurable threshold; and  
16           wherein the communication module is configured to communicate one or more  
17           keyframes of the set of keyframes.

1           28. (Previously presented): The system of claim 27 wherein:  
2           the input module is further configured to synchronize the audio information  
3           received at the adapter with the selected set of keyframes.

1           29. (Previously presented): The system of claim 27 wherein the input module  
2           includes a processor configured to store the set of keyframes in a memory coupled to the input  
3           module.

1           30. (Previously presented): The system of claim 29 further configured to  
2           receive a request from a device requesting transmission of a first portion of the set of keyframes,  
3           and wherein:

4                   the processor is configured to determine the first portion of the set of keyframes  
5 requested by the device and corresponding audio information; and

6                   the communication module is configured to communicate the first portion of the  
7 set of keyframes and corresponding audio information to the device.

1                   31. (Previously presented): The system of claim 30 wherein the request  
2 received from the device requests transmission of information received from the first system.

1                   32. (Previously presented): The system of claim 30 wherein the request  
2 received from the device requests transmission of information received from the capture device.

1                   33. (Previously presented): The system of claim 30 wherein the request  
2 received from the device requests transmission of audio information received from the first  
3 system and the capture device.

1                   34. (Previously presented): The system of claim 30 wherein the request  
2 received from the device requests transmission of video information received from the first  
3 system and the capture device.

1                   35. (Previously presented): The system of claim 30 wherein the request  
2 received from the device requests transmission of audio or video information received from the  
3 first system and the capture device between a start time and an end time.

1                   36. (Previously presented): The system of claim 29 wherein the processor is  
2 further configured to select the set of keyframes as a plurality of video frames from video  
3 information received by the input module, to synchronize the plurality of video frames with  
4 audio information received by the input module, and to store information related to the plurality  
5 of video frames.

1                   37. (Previously presented): The system of claim 36 wherein:  
2                   the processor is configured to:

3                   generate a web page for each video frame in the plurality of video frames,  
4    each web page including a video frame; and  
5                   assign a uniform resource locator (URL) to each web page; and  
6                   the communication module is configured to communicate at least one URL  
7    assigned to a web page.

1                   38. (Previously presented): The system of claim 37 further configured to  
2    receive a request from a device identifying a first URL, and wherein:  
3                   the processor is configured to determine a first web page corresponding to the  
4    first URL; and  
5                   the communication module is configured to communicate the first web page to the  
6    device.

1                   39. (Previously presented): The system of claim 36 further configured to  
2    receive a request from a device requesting transmission of a set of video frames from the  
3    plurality of video frames, and wherein, in response to the request, the communication module is  
4    configured to transmit the set of video frames to the device.

1                   40. (Currently amended): A method of communicating information received  
2    during presentation of information from a presentation file, comprising:  
3                   providing a physical adapter;  
4                   receiving, at the physical adapter, at least one of video information or audio  
5    information from a first data processing system communicably coupled to the physical adapter,  
6    the at least one of video information or audio information received during presentation of the  
7    information from the presentation file and generated as a result of outputting contents of the  
8    presentation file;  
9                   differencing between a first video frame and a second video frame, at the physical  
10   adapter, of the video information received from the first data processing system;

11                   selecting based on the differencing, at the physical adapter, a set of one or more  
12 keyframes based at least upon the video information received from the first data processing  
13 system in response to a user-configurable threshold; and

14                   transmitting one or more keyframes of the set of keyframes to a second data  
15 processing system, wherein the second data processing system is enabled to output the  
16 information received from the adapter.

1                   41. (Currently amended): The method of claim 1 wherein differencing  
2 between a first video frame and a second video frame selecting the set of one or more keyframes  
3 comprises comparing a first frame of video to a subsequent second frame of video and  
4 identifying the second frame as different from the first frame; further comprising storing both the  
5 first frame of video and the second frame of video.

1                   42. (Previously presented): The method of claim 41 wherein identifying the  
2 second frame of video as different from the first frame of video comprises comparing the  
3 difference between the second frame of video and the first frame of video to a predetermined  
4 threshold.

1                   43. (Previously presented): The method of claim 41 wherein identifying the  
2 second frame of video as different from the first frame of video comprises comparing image  
3 pixels of the first frame of video and the second frame of video.

1                   44. (Currently amended): The computer program product of claim 14 wherein  
2 the code for differencing between a first video frame and a second video frame selecting the set  
3 of one or more keyframes comprises code for comparing a first frame of video to a subsequent  
4 second frame of video and identifying the second frame as different from the first frame; further  
5 comprising code for storing both the first frame of video and the second frame of video.

1                   45. (Previously presented): The computer program product of claim 44  
2 wherein the code for identifying the second frame of video as different from the first frame of

3 video comprises code for comparing the difference between the second frame of video and the  
4 first frame of video to a predetermined threshold.

1 46. (Previously presented): The computer program product of claim 45  
2 wherein the code for identifying the second frame of video as different from the first frame of  
3 video comprises code for comparing image pixels of the first frame of video and the second  
4 frame of video.

1 47. (Currently amended): The computer program product of claim 14 wherein  
2 the code for selecting the set of keyframes in response to the user-configurable threshold  
3 comprises code for selecting frames of video at a predetermined sampling interval.